

# NT4-2.5

## Characteristics

Nominal Voltage		4V
Nominal Capacity (20 hour rate)		2.5Ah
Capacity 25°C (77°F)	20 hour rate (0.125A)	2.5Ah
	10 hour rate (0.237A)	2.37Ah
	5 hour rate (0.43A)	2.13Ah
	1 hour rate (1.63A)	1.63Ah
Internal Resistance	Full Charged Battery 25°C (77°F)	≤40mΩ
Cyclic Life	50%(C <sub>20</sub> ) Depth of discharge	600Times
Float Life	25°C (77°F) Float charge at 6.9V	About 3 Years
Capacity affected by Temperature (20 hour )	40°C (104°F)	102%
	25°C (77°F)	100%
	0°C (32°F)	85%
	-15°C (5°F)	65%
Self-Discharge 25°C (77°F)	Capacity after 3 month storage	90%
	Capacity after 6 month storage	80%
	Capacity after 12 month storage	62%
Charge (Constant Voltage) 25°C (77°F)	Cycle	Initial Charging Current Less than 0.75A Voltage 4.86-5V
	Float	Voltage 4.5-4.6V

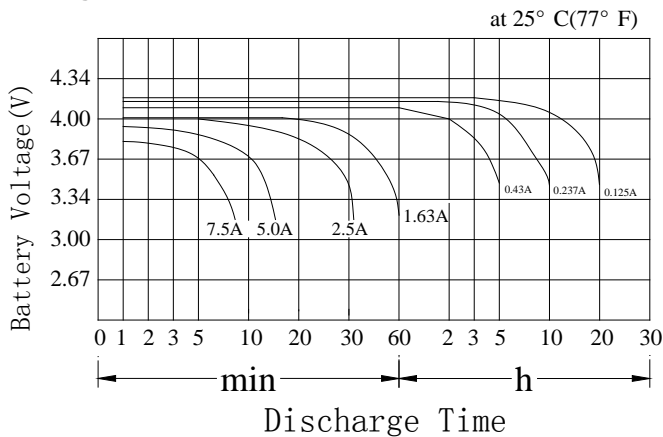
## Product Image



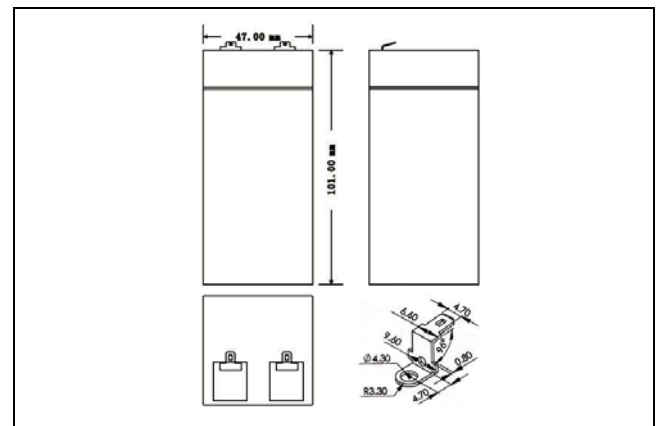
## Packing

Battery (L×W×H)	mm ± 1	47x47x101
	inch	1.85x1.85x3.98
Box (L×W×H)	mm ± 2	310x260x125
	inch	12.2x10.24x4.92
Quantity Per Box		30PCS
Net weight Per Cell		0.32 Kg ± 15g
Net weight Per Box		9.6Kg
Gross Weight		9.9Kg

## Discharge Curve



## Product Dimensions



## Battery Construction

Component	Positive plate	Negative plate	Container	Safety valve	Terminal	Separator	Electrolyte
Raw Material	Lead dioxide	Lead	ABS	Rubber	Copper	Fiberglass	Sulfuric acid

## Discharge Characteristics

Voltage	Run Time (Constant Power 25°C 77° F)											
	3 min	5 min	15 min	30 min	45 min	1h	2h	3h	5h	8h	10h	20h
4.8 V	35.90	31.80	18.40	11.10	7.80	6.58	3.57	2.53	1.76	1.14	0.96	0.51
5.10V	35.02	31.30	18.22	10.05	7.63	6.55	3.53	2.50	1.74	1.13	0.95	0.50
5.25V	34.10	30.80	17.90	10.00	7.51	6.52	3.5	2.48	1.72	1.12	0.95	0.50
5.40V	33.00	30.51	17.70	9.93	7.40	6.43	3.45	2.45	1.70	1.10	0.93	0.59